

Ordering information

AG	H	4	P	GR	DS	2	28	UNV	PG	
Family	Type	Luminaire Length	Mounting	Housing Finish	Wiring	Lamp Qty in a cross section	Lamp	Voltage	Ballast	Options
AG: Agili-T	H: Agil-T Neo with Micro Prism Lens	4: 4' 8: 8'	P: Pendant	GR: Titanium WH: White	DS: Double-circuit DN: Double-circuit Network- Ready	1: 1 lamp 2: 2 lamps	28: 28W T5 54: 54W T5HO	120: 120V 277: 277V 347: 347V UNV: Universal Voltage 120/277V	DW: iGEN DALI Addressable T5/T5HO with Network-2 MultiSense Integral Motion Sensor (120 or 277V only) DA: iGEN DALI Addressable T5/T5HO (UNV only) PG: Electronic Program Start T5/T5HO	

Note : Luminaire comes without end-caps

Features

- 88.8% efficient (64% up / 36% down) using T5 lamp technology (1xT28T5).
- Ultra-Light construction (4' luminaire less than 12 lb. / 5.5 kg.) favors mobility adds installation and remodeling convenience.
- Wide indirect distribution for uniform ceiling luminance.
- Trouble-free luminaire-to-luminaire connectability and luminaire-to-end-cap installation.
- Special die-cast aluminum joining mechanism (patent pending) providing continuous trouble-free, simultaneous mechanical and electrical connections (plus network connections on Agili-T Network version), as well as no-hassle end-cap installation.
- Built-in network connectors and wiring (Agili-T Network).

Construction

- One-piece aluminum extrusion
- Highly resistant composite plastic end-cap
- Lens optic is a highly translucent acrylic microprism lens with a linear ribbed texture
- Unique contoured lens design with integral light stop

Electrical

- AGH with PG ballast code comes with one 2-lamp ballast per 4' of luminaire.
- Standard product offering (DS and DN version, 120V and 277V only) includes continuous 2-circuit wiring, one circuit for the upper compartment (if applicable) and one circuit for the lower compartment (if applicable). Single and double compartment luminaires can be mixed.
- Integrated quick connectors for power and network cable (Agili-T Network only) and auto plug-in connections between luminaires.
- 18-gauge wire, maximum 10A per circuit.

Mounting

- Suspension points on module: every 4' (4' luminaire) or every 8' (8' luminaire.)
- Fast installation using mounting clip for Standard T-bar and Slim T-bar or for Slot T-bar (see last page).

Finish

- Seamless color and texture finish between luminaire and end-caps.
- Available with textured (white or titanium) high resistant powder-based coating.

Options and accessories

- Emergency circuiting

Labels



Special Power Feed Wiring

Luminaires with single-feed or group-feed wiring do not come with suspension kits. As they are normally installed within a row, simply order the usual number of power feed suspension kits and standard suspension kits for your configuration. For more information, consult your Lightolier representative.

Single-feed Wiring

1. Choose Agili-T luminaire. 2. Choose Power Feed Suspension Kit - One Kit per row at row extremity. 3. Choose Suspension Kit - One Kit per luminaire in the row. 4. Choose Agili-T luminaire with Single-feed Wiring (for emergency lighting in row or at row extremity). 5. If continuing row, choose Agili-T luminaire with Group-feed Wiring to start new circuit within row. 6. Choose appropriate Mounting Elements (e.g. One-piece T-bar wraparound clip).

Group-feed Wiring

1. Choose Agili-T luminaire. 2. Choose Power Feed Suspension Kit - One Kit per row at row extremity. 3. Choose Suspension Kit - One Kit per luminaire in the row. 4. Choose Agili-T luminaire with Group-feed Wiring (for new circuit within row). 5. Choose appropriate Mounting Elements (e.g. One-piece T-bar wraparound clip).

Ordering Guide

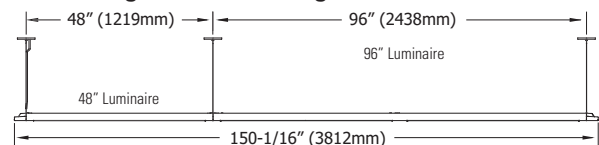
Single-feed wiring

Use wiring suffix **DI**.
E.g. AGH4PGRDI228UNVPG

Group-feed wiring

Use wiring suffix **DG**.
E.g. AGH4PGRDG228UNVPG

Fixture lengths & mounting locations



Pendant measure exactly 48\" or 96\" (plus end-caps) to facilitate installation.

Job Information

Type:

Job Name:

Cat. No.:

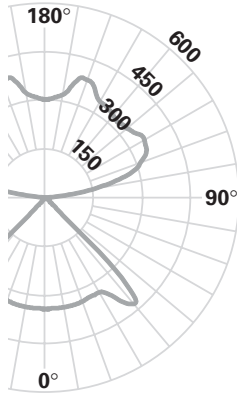
Lamp(s):

Notes:

Neo Lens

Performance

CANDLEPOWER CURVE



REPORT NO: LSCB089
CAT. NO: AGH4PGRDS128120PG
1 x 28W T5 at 2610 lumens. Efficiency: 88.8%
Indirect Maximum candela: 388 cd
Indirect Peak: 155°
Candela at Nadir: 344 cd

CANDLEPOWER

ZONE DEG	0	22.5	45	67.5	90
0	344	344	344	344	344
5	344	342	346	347	342
15	334	334	341	347	344
25	312	313	328	336	338
35	272	283	314	347	368
45	228	253	352	375	318
55	166	152	74	47	34
65	50	53	41	21	19
75	12	14	20	13	12
85	2	4	2	1	0
90	0	2	0	0	0
95	10	66	68	54	47
105	72	136	224	264	272
115	162	158	270	333	353
125	247	203	279	325	347
135	262	248	315	316	327
145	250	295	356	341	342
155	273	303	371	388	375
165	293	302	321	345	363
175	301	304	305	311	307
180	302	302	302	302	302

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD * EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

80					70					50						
Room Cavity Ratio	Wall Reflectance															
	70				50				30				10			
	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10
0	.92	.92	.92	.92	.84	.84	.84	.84	.67	.67	.67	.67	.92	.92	.92	.92
1	.85	.82	.78	.76	.77	.74	.72	.69	.60	.58	.57	.57	.85	.82	.78	.76
2	.78	.72	.67	.63	.71	.66	.62	.58	.54	.51	.48	.48	.78	.72	.67	.63
3	.72	.64	.58	.54	.65	.59	.54	.50	.48	.45	.42	.42	.72	.64	.58	.54
4	.66	.57	.51	.46	.60	.52	.47	.43	.43	.39	.36	.36	.66	.57	.51	.46
5	.61	.50	.44	.39	.55	.47	.41	.37	.39	.34	.31	.31	.61	.50	.44	.39
6	.56	.46	.39	.34	.51	.42	.36	.32	.35	.31	.27	.27	.56	.46	.39	.34
7	.51	.41	.34	.30	.47	.38	.32	.28	.31	.27	.24	.24	.51	.41	.34	.30
8	.47	.37	.30	.26	.43	.34	.28	.24	.28	.24	.21	.21	.47	.37	.30	.26
9	.44	.33	.27	.22	.39	.30	.25	.21	.25	.21	.18	.18	.44	.33	.27	.22
10	.40	.30	.24	.20	.37	.28	.22	.18	.23	.19	.16	.16	.40	.30	.24	.20

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 32.8

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	279	10.71	12.06
0-40	479	18.39	20.71
0-60	783	30.02	33.8
0-90	840	32.21	36.27
40-90	360	13.82	15.56
60-90	57	2.19	2.46
90-180	1477	56.6	63.73
0-180	2317	88.81	100

Agili-T Accessories

Power Feed Suspension Kit

AG	EN	24	G	G	120	DS
Family	Type Length	Suspension Color	End-cap Stem Color	Canopy /	Voltage	Wiring
AG: Agili-T	EN: Neo End caps (2) LevelLyte cable, canopy, joiner mechanism EP: Neo End caps (2) Inverted Y cable, canopy, joiner mechanism EQ: Neo End caps (2) Stem suspension, canopy, joiner mechanism	*18: 18" Stem or cable *24: 24" Stem or cable *36: 36" Stem or cable	G: Titanium W: White	G: Titanium W: White	347: 347V UNV: 120/277V	DS: Double circuit DN: Double-circuit Network (Cable option only) **SS: Single Circuit (Stem option only)

Suspension Kit

AG	AV	24	X	G
Family	Type	Suspension Length	End-cap Color	Canopy / Stem Color
AG: Agili-T	AV: Neo and Coplanar System LevelLyte canopy and joiner mechanism AY: Neo and Coplanar System Inverted Y canopy and joiner mechanism AZ: Neo and Coplanar Stem System canopy and joiner mechanism	*18: 18" Stem *24: 24" Stem or cable *36: 36" Stem or cable	X: N/A	G: Titanium W: White

Ordering instructions

1. Choose Agili-T luminaire.
2. Choose Power Feed Suspension Kit. One Kit per individual luminaire or one per row at row extremity (18-gauge wire feed, maximum of 10A per circuit).
3. Choose Suspension kit. One per luminaire.
4. Choose Mounting Elements. One per Suspension Kit.
5. Choose Mounting Elements with Junction Box. One per Power Feed Suspension Kit as needed.

General note :

* All stems are field cuttable.

** Consult factory for specialized circuit options utilizing stem suspensions.

Mounting Elements (T-bar Clip Patent # 6,637,710)

AGTB	One-piece T-bar wraparound clip for standard T or narrow T
AGSB	One-piece T-bar wraparound clip for slot T (consult your Lightolier representative for availability)
AGOG	Off-grid holding bar
AGES†	One-piece T-bar wraparound clip for slot T with integrated easy-access Lightolier electrical box (consult your Lightolier representative for availability)
AGEO†	Off-grid holding bar with integrated easy-access Lightolier electrical box

Job Information

Type: